

sequence as shown in SEQ ID NO:1.

a<sup>2</sup> 5. (Amended) The isolated nucleic acid molecule of claim 1 wherein said nucleic acid molecule encodes an amino acid sequence as shown in SEQ ID NO:3.

---

a<sup>3</sup> 23. (Amended) An isolated nucleic acid molecule encoding a Plasmodium falciparum chitinase, said nucleic acid molecule encoding a first amino acid sequence having at least 90% amino acid identity to SEQ ID NO:3.

---

24. (Amended) A DNA oligomer which hybridizes to the nucleic acid molecule of claim 1.

Pursuant to 37 CFR §1.121(c)(1)(ii), a marked up version of these claims accompanies this amendment.

---

a<sup>4</sup> 46. (New) An isolated nucleic acid molecule encoding a Plasmodium falciparum chitinase, said nucleic acid molecule having a nucleotide sequence as shown in SEQ ID NO:1 or as shown in SEQ ID NO:1 with conservative substitutions.

---

#### REMARKS

In view of the above amendments and the following remarks, reconsideration of the outstanding office action is respectfully requested.

The finality of the restriction requirement is acknowledged.

Applicant acknowledges the indication of the priority dates of provisional applications 60/136,508, filed May 28, 1999 and 60/180,051, filed February 3, 2000.